



## Project Team

Congestion Relief & Bus Rapid Transit Projects

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Request For Proposals  
I-405, SR 520 to SR 522 Stage 1  
Design-Build Project

ATTENTION: All Short-listed Proposers

### Response To Questions No. 1

#### 1. Question:

Section 402 NPDES Construction General Permit - Clean Water Act

Has a Notice of Intent been filed for chitosan enhanced sand filtration or electro coagulation enhanced sand filtration stormwater treatment systems?

**Response:** The NOI included Chemical Treatment BMPs. The type of chemical treatment was not specified. The NPDES permit covers both chitosan enhanced sand filtration and electrocoagulation enhanced sand filtration stormwater treatment systems; however, notification to the Department of Ecology (DOE), in writing, describing the type of treatment system to be used is required. DOE will process the notification and issue an order for implementing the chemical treatment system. The Design-Builder will be required to coordinate with DOE through WSDOT to gain the necessary approvals. In addition, enhanced sand filtration treatment systems are considered “experimental” and require WSDOT approval in accordance with the Highway Runoff Manual.

#### 2. Question: Re: HPA condition #35 - How many days will WDFW take to approve the fish-passable culvert/bridge construction plan?

**Response:** WDFW policy allows 45 days for review. WDFW staff has indicated that less time is normally required when submittals meet WDFW criteria.

#### 3. Question: Re: HPA condition #41 - Does WDFW have specifications on concrete cure before contact with State waters?



**Response:** WDFW does not have specifications on concrete cure. The agency only requires that the concrete is cured before contact with State waters.

4. **Question:** Re: HPA condition #86 - Excavation of the shoreline for the Forbes Lake wetland mitigation work does not appear to be restricted by the fish window calendar. DOE and WDFW question. May we create new outfalls to Forbes Lake below the OHW without a SWPP (i.e. before September 30) or after September 30?

**Response:** The timing limitations in HPA condition #1a will apply to the wetland mitigation sites also. This will be clarified in a modified HPA. The Design-Builder has opportunity to ask for extensions of the fish window, and WDFW will consider them on a case by case basis. A SWPPP is required for the wetland mitigation site(s) prior to work activities at those sites.

5. **Question:** Re: Appendix E7, Biological Assessment, Section 7.3 - "No contractor staging areas will be allowed within 90 meters (300 feet) of any wetland, stream, or river with listed species. Temporary material storage piles will not be placed in the 100-year floodplain between October 1 and May 1."

Does this limit our working on the bore outside of the fish window in the fall/winter/spring of 2005/2006?

**Response:** This condition limits any work on the bore below the OHWM outside the fish window. Staging areas are prohibited within 90 meters of any wetland, stream, or river with listed species year-round. However, this condition does not preclude you from doing jack and bore work in those areas. There is no discernible flood plain shown for this location, per FEMA

6. **Question:** Re: Appendix E7, Biological Assessment, Section 7.5 - "Within 300 feet of waters known to contain fish life, all temporary project lighting will be minimized between sunset and sunrise from November 1 to January 15, and from March 15 to May 15."

Are fish expected in Forbes Creek during these time periods? May screens be placed on lights to eliminate the direct light to the creeks if fish are present?

**Response:** This is a condition that applies to Stage 2 work only. No listed fish species will be present this far upstream of Forbes Creek. Therefore, the Design-Build contractor is not required to minimize lighting at Forbes Creek between the times and dates listed in the condition.

7. **Question:** Re: Appendix E7, Biological Assessment, Section 7.9 - "All concrete will be poured in dry conditions, or within confined waters not connected to surface waters, and will be allowed to cure a minimum of 7 days before contact with surface waters."

Will DOE and WDFW accept 7 days as the cure time before surface waters may contact our new concrete?

**Response:** Concrete must be poured and cured in accordance with the project's HPA, 401 Certification, and all other permits, which may be more restrictive than the Biological Assessment.

**Brian Nielsen**

**Contract Manager**